

Attorney Docket No.: PTQ-0012
Inventors: Adams et al.
Serial No.: 09/177,711
Filing Date: October 23, 1998
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C1
Contd

erection comprising [the use of] administering to a subject one or more agents in an effective amount that can augment the effect of cAMP in engorgeable genital tissue as well as augment the effect of cGMP in nociceptive tissue in close proximity to the engorgeable genital tissue with minimal or no pain.

C2

53. (amended) A method for enhancing penile or clitoral erection while decreasing or eliminating pain associated with the erection comprising administering to a subject at least one agent that increases the level or augments the effect of cGMP so that the action of cAMP in one or more effector systems in engorgeable genital tissue is augmented and the action of cAMP in a nociceptive tissue in close proximity to said one or more effector systems is reduced to decrease or eliminate pain associated with the erection.

54. (amended) A method for enhancing penile or clitoral erection while decreasing or eliminating pain associated with the erection comprising administering to a subject NO or an NO donor so that the action of cAMP in one or more effector systems in engorgeable genital tissue is augmented and the action of cAMP in a nociceptive tissue in close proximity to said one or more effector systems is reduced to decrease or eliminate pain associated with the erection.

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55. A method for enhancing penile or clitoral erection while decreasing or eliminating pain associated with the erection comprising administering to a subject at least one agent that augments or potentiates the effects of cyclic nucleotides by modulating the activities of one or more cyclic nucleotide phosphodiesterases so that the action of cAMP in one or more effector systems in engorgeable genital tissue is augmented and the action of cAMP in a nociceptive tissue in close proximity to said one or more effector systems is reduced to decrease or eliminate pain associated with the erection.

56. (amended) A method for enhancing penile or clitoral erection while decreasing or eliminating pain associated with the erection comprising administering to a subject at least one agent that augments or potentiates the action of cAMP in one or more effector systems in engorgeable genital tissue and causes an increase of cGMP relative to cAMP in a nociceptive tissue in close proximity to said one or more effector systems to decrease or eliminate pain associated with the erection.

Please add the following new claim.

C3

-- 59. A method for enhancing penile or clitoral erection while decreasing or eliminating pain associated with the erection comprising administering to a subject one or more agents which